

**Redstone Arsenal Environmental Program  
Public Comment Period –  
June 10, 2026-July 10, 2026  
Proposed Corrective Measures at  
RSA-028 and RSA-E**

The U.S. Army Garrison at Redstone Arsenal is proposing to implement corrective measures at RSA-028, In-Ground Oil/Water Separator, 5693 Area, Operable Unit 10, and RSA-E, No. 2 Fuel Oil Spill, Tank 5693 at the Fuel Farm, Operable Unit 06, located on 28 acres in the eastern-central portion of Redstone Arsenal. RSA-028 was a bulk fuel farm that housed aboveground storage tanks, oil/water separators, and fuel transfer stations that began operation in the early 1940s. Periodic spills and leaks occurred during its operation. RSA-E was established as a site when 58,584 gallons of No. 2 fuel oil were inadvertently released from a tank located in the southern portion of RSA-028 in 1985. Fuel recovery efforts minimized the amount of fuel that drained into the environment.

The Resource Conservation and Recovery Act facility investigations and follow on fate and transport modeling at RSA-028 and RSA-E concluded that soils do not pose an unacceptable threat to human health via direct exposure pathways or leaching from soil to groundwater. However, the groundwater beneath RSA-028 and RSA-E is contaminated with metals, semivolatile organic compounds, and volatile organic compounds and potentially poses unacceptable risk to future site receptors if the groundwater is developed as a potable source. Additionally, surface water in a drainage ditch running along the east-southeast portion of RSA-028 contains elevated 1-methylnaphthalene, manganese, and iron concentrations. The iron has precipitated out of the water, resulting in flocculants that act as a smothering agent for aquatic invertebrates and plants.

The preferred corrective measures for groundwater and surface water consist of the following actions:

- Monitored natural attenuation processes with long-term monitoring are expected to naturally and effectively reduce the concentrations of chemicals of concern until cleanup goals are reached.
- Continuation of installation-wide groundwater land-use controls to ensure that groundwater under RSA-028 and RSA-E is not used for potable purposes until cleanup goals are reached.

The final corrective measures will be selected only after acceptance by the Alabama Department of Environmental Management and after this public comment period has ended and all comments have been reviewed and considered.

Site documents are available for public viewing at the following locations:

- Huntsville/Madison County Public Library, Heritage Room, 915 Monroe Street, Huntsville
- Triana Public Library, 357 Record Street, Triana

**For more information or to send comments about the proposed corrective measures at RSA-028 and RSA-E, contact:**

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